

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Patent Application of:

Fuchun SHENG

Application No.: 10/582,864

Confirmation No.: 5972

Filed: June 04, 2009

Art Unit: 1733

For: A DEVICE FOR IMPLEMENTING A HIGH  
EFFICIENCY METHOD OF SCOOPING-UP  
SLAG FROM LIQUID IRON (*As amended*)

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Examiner: T. M. MCGUTHRY  
BANKS

**REPLY TO RESTRICTION REQUIREMENT**

**June 02, 2011**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Restriction Requirement dated March 02, 2011, the period for response being extended by two months to June 2, 2011, the following remarks are respectfully submitted in connection with the above-identified application.

This reply includes:

**Amendments to the Specification** begin on page 2,

**Amendments to the Claims** begin on page 3,

**Amendments to the Drawings** begin on page 6,

**Remarks** begin on page 7, and

**Attachment:** One Sheet of Replacement Drawings (FIGS. 1 and 2) and Petition for Extension of Time.